Day : Wednesday

PALM INTRANET

Date: 10/1/2003
Time: 11:01:37

Inventor Name Search Result

Your Search was:

Last Name = BONASSAR
First Name = LAWRENCE

Application#	Patent#	Status	Date Filed	Title	Inventor Name
60414674	Not Issued	020	09/30/2002	IN VITRO CULTURE OF TISSUE STRUCTURES	BONASSAR, LAWRENCE J.
60373695	Not Issued	159	04/17/2002	COMPUTER-ASSISTED FABRICATION OF BIOLOGICAL TISSUE CONSTRUCTS	BONASSAR, LAWRENCE J.
60271105	Not Issued	159	02/23/2001	TYMPANIC MEMBRANE PATCH	BONASSAR, LAWRENCE J.
60271104	Not Issued	159	02/23/2001	INJECTION MOLDING OF LIVING TISSUES	BONASSAR, LAWRENCE J.
10081897	Not Issued	030	02/21/2002	INJECTION MOLDING OF LIVING TISSUES	BONASSAR, LAWRENCE J.
10081360	Not Issued	030	02/21/2002	TYMPANIC MEMBRANE PATCH	BONASSAR, LAWRENCE J.
09901495	Not Issued	041	07/09/2001	COMPOSITION FOR THE DELIVERY OF LIVE CELLS AND METHODS OF USE	BONASSAR, LAWRENCE J.
09612744	Not Issued	061	07/10/2000	COMPOSITION FOR THE DELIVERY OF LIVE CELLS AND METHODS OF USE THEREOF	BONASSAR, LAWRENCE J.

Inventor Search Completed: No Records to Display.

Search Another: Inventor Last Name: bonassar First Name: lawrence Search

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WEST Search History

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DATE: Wednesday, October 01, 2003

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		DB=PGPB,USPT,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR	
☐	L15	L14 and reconstruct	3
☐	L14	L10 and (negative mold)	92
☐	L13	L12 and shape	0
☐	L12	L11 and (negative mold)	0
☐	L11	L10 and reconstruct?	0
☐	L10	l9 and (neural$ or (nervous system)) and (stem cell?)	92
☐	L9	L8 and (joint or articu$ or bone or defect)	92
☐	L8	L7 and (CAD or CAM or (rapid prototyp$))	92
☐	L7	L6 and (solidif$ or harden$)	103
☐	L6	L5 and (divalent cation)	136
☐	L5	L4 and (algin$ or chitosn$ or pluronic$ or collagen$ or agarose$)	232
☐	L4	L3 and (chondrocyte? or osteocyte? or osteoblast? or adipocyte?)	242
☐	L3	L2 and (precursor cell?)	1138
☐	L2	L1 and hydrogel	1886
☐	L1	(tissue construct) and mold	27378

END OF SEARCH HISTORY

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 NEWS  3  SEP 09   CA/CAplus records now contain indexing from 1907 to the
                   present
 NEWS  4  Jul 15   Data from 1960-1976 added to RDISCLOSURE
 NEWS  5  Jul 21   Identification of STN records implemented
 NEWS  6  Jul 21   Polymer class term count added to REGISTRY
 NEWS  7  Jul 22   INPADOC: Basic index (/BI) enhanced; Simultaneous Left and
                   Right Truncation available
 NEWS  8  AUG 05   New pricing for EUROPATFULL and PCTFULL effective
                   August 1, 2003
 NEWS  9  AUG 13   Field Availability (/FA) field enhanced in BEILSTEIN
 NEWS 10  AUG 15   PATDPAFULL: one FREE connect hour, per account, in
                   September 2003
 NEWS 11  AUG 15   PCTGEN: one FREE connect hour, per account, in
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 NEWS 12  AUG 15   RDISCLOSURE: one FREE connect hour, per account, in
                   September 2003
 NEWS 13  AUG 15   TEMA: one FREE connect hour, per account, in
                   September 2003
 NEWS 14  AUG 18   Data available for download as a PDF in RDISCLOSURE
 NEWS 15  AUG 18   Simultaneous left and right truncation added to PASCAL
 NEWS 16  AUG 18   FROSTI and KOSMET enhanced with Simultaneous Left and Righ
                   Truncation
 NEWS 17  AUG 18   Simultaneous left and right truncation added to ANABSTR
 NEWS 18  SEP 22   DIPPR file reloaded
 NEWS 19  SEP 25   INPADOC: Legal Status data to be reloaded
 NEWS 20  SEP 29   DISSABS now available on STN

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               MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
               AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
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=> s (tissue construct?) and mold
L1          43 (TISSUE CONSTRUCT?) AND MOLD

=> sl1 and hydrogel
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=> s l1 and hydrogel
L2          14 L1 AND HYDROGEL

=> s l2 and (precursor cell#)
L3           7 L2 AND (PRECURSOR CELL#)

=> s l3 and (chondrocyte? or osteocyte# or osteoblast# or adipocytes#)
L4           6 L3 AND (CHONDROCYTE? OR OSTEOCYTE# OR OSTEOBLAST# OR ADIPOCYTES
               #)

=> s l3 and (algin? or chitosan? or pluronic? or collagen# or agarose?)
L5           6 L3 AND (ALGIN? OR CHITOSAN? OR PLURONIC? OR COLLAGEN# OR AGAROS
               E?)

=> s l4 and l5
L6           6 L4 AND L5

=> d l6 1-6 ibib abs

L6   ANSWER 1 OF 6  USPATFULL on STN
ACCESSION NUMBER:        2003:258639  USPATFULL
TITLE:                   207 human secreted proteins
INVENTOR(S):             Ni, Jian, Germantown, MD, UNITED STATES
                         Ebner, Reinhard, Gaithersburg, MD, UNITED STATES
                         LaFleur, David W., Washington, DC, UNITED STATES
```

Moore, Paul A., Germantown, MD, UNITED STATES
Olsen, Henrik S., Gaithersburg, MD, UNITED STATES
Rosen, Craig A., Laytonsville, MD, UNITED STATES
Ruben, Steven M., Olney, MD, UNITED STATES
Soppet, Daniel R., Centreville, VA, UNITED STATES
Young, Paul E., Gaithersburg, MD, UNITED STATES
Shi, Yanggu, Gaithersburg, MD, UNITED STATES
Florence, Kimberly A., Rockville, MD, UNITED STATES
Wei, Ying-Fei, Berkeley, CA, UNITED STATES
Florence, Charles, Rockville, MD, UNITED STATES
Hu, Jing-Shan, Mountain View, CA, UNITED STATES
Li, Yi, Sunnyvale, CA, UNITED STATES
Kyaw, Hla, Frederick, MD, UNITED STATES
Fischer, Carrie L., Burke, VA, UNITED STATES
Ferrie, Ann M., Painted Post, NY, UNITED STATES
Fan, Ping, Potomac, MD, UNITED STATES
Feng, Ping, Gaithersburg, MD, UNITED STATES
Endress, Gregory A., Florence, MA, UNITED STATES
Dillon, Patrick J., Carlsbad, CA, UNITED STATES
Carter, Kenneth C., North Potomac, MD, UNITED STATES
Brewer, Laurie A., St. Paul, MN, UNITED STATES
Yu, Guo-Liang, Berkeley, CA, UNITED STATES
Zeng, Zhizhen, Lansdale, PA, UNITED STATES
Greene, John M., Gaithersburg, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003181692	A1	20030925
APPLICATION INFO.:	US 2001-933767	A1	20010822 (9)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. WO 2001-US5614, filed on 21 Feb 2001, PENDING Continuation-in-part of Ser. No. US 1998-205258, filed on 4 Dec 1998, PENDING

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-184836P	20000224 (60)
	US 2000-193170P	20000329 (60)
	US 1997-48885P	19970606 (60)
	US 1997-49375P	19970606 (60)
	US 1997-48881P	19970606 (60)
	US 1997-48880P	19970606 (60)
	US 1997-48896P	19970606 (60)
	US 1997-49020P	19970606 (60)
	US 1997-48876P	19970606 (60)
	US 1997-48895P	19970606 (60)
	US 1997-48884P	19970606 (60)
	US 1997-48894P	19970606 (60)
	US 1997-48971P	19970606 (60)
	US 1997-48964P	19970606 (60)
	US 1997-48882P	19970606 (60)
	US 1997-48899P	19970606 (60)
	US 1997-48893P	19970606 (60)
	US 1997-48900P	19970606 (60)
	US 1997-48901P	19970606 (60)
	US 1997-48892P	19970606 (60)
	US 1997-48915P	19970606 (60)
	US 1997-49019P	19970606 (60)
	US 1997-48970P	19970606 (60)
	US 1997-48972P	19970606 (60)
	US 1997-48916P	19970606 (60)
	US 1997-49373P	19970606 (60)
	US 1997-48875P	19970606 (60)
	US 1997-49374P	19970606 (60)
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US 1997-57629P 19970905 (60)
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US 1997-57634P 19970905 (60)
US 1997-70923P 19971218 (60)
US 1998-92921P 19980715 (60)
US 1998-94657P 19980730 (60)
US 1997-70923P 19971218 (60)
US 1998-92921P 19980715 (60)
US 1998-94657P 19980730 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850
NUMBER OF CLAIMS: 23
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 10 Drawing Page(s)
LINE COUNT: 32746

AB The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic

methods useful for diagnosing and treating diseases, disorders, and/or conditions related to these novel human secreted proteins.

L6 ANSWER 2 OF 6 USPATFULL on STN
ACCESSION NUMBER: 2003:213874 USPATFULL
TITLE: Endothelial stem cells, populations, methods of isolation and use thereof
INVENTOR(S): Fanslow, William C., III, Normandy Park, WA, UNITED STATES
Rousseau, Anne-Marie C., Seattle, WA, UNITED STATES
Daniel, Thomas O., Bainbridge Island, WA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003148512	A1	20030807
APPLICATION INFO.:	US 2002-327322	A1	20021220 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-343498P	20011221 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: IMMUNEX CORPORATION, LAW DEPARTMENT, 51 UNIVERSITY STREET, SEATTLE, WA, 98101
NUMBER OF CLAIMS: 73
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 3 Drawing Page(s)
LINE COUNT: 1499
AB The present invention provides stem cells characterized as having the ability to renew and the ability to give rise to endothelial and/or endothelial-like cells, methods of isolating such stem cells and methods of use thereof. Also provided are progeny cells derived from the stem cells of the invention.

L6 ANSWER 3 OF 6 USPATFULL on STN
ACCESSION NUMBER: 2002:287123 USPATFULL
TITLE: Injection molding of living tissues
INVENTOR(S): Bonassar, Lawrence J., Acton, MA, UNITED STATES
Rowley, Jon A., Ann Arbor, MI, UNITED STATES
Mooney, David J., Ann Arbor, MI, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002159982	A1	20021031
APPLICATION INFO.:	US 2002-81897	A1	20020221 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-271104P	20010223 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: J. PETER FASSE, Fish & Richardson P.C., 225 Franklin Street, Boston, MA, 02110-2804
NUMBER OF CLAIMS: 20
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 7 Drawing Page(s)
LINE COUNT: 956
AB The invention features methods of making living **tissue constructs** having a predetermined shape by providing a negative **mold** having a defined shape; suspending isolated tissue **precursor cells** in a **hydrogel** to form a liquid **hydrogel-precursor cell**

composition; introducing the liquid **hydrogel-precursor cell** composition into the **mold**; inducing gel formation to solidify the liquid **hydrogel-precursor cell** composition to form a living **tissue construct**; and removing the living **tissue construct** from the **mold** after gel formation.

L6 ANSWER 4 OF 6 USPATFULL on STN

ACCESSION NUMBER:	2002:273841 USPATFULL
TITLE:	Tympanic membrane patch
INVENTOR(S):	Bonassar, Lawrence J., Acton, MA, UNITED STATES Hott, Morgan, Worcester, MA, UNITED STATES Megerian, Clifford, Westborough, MA, UNITED STATES Beane, Richard M., Hingham, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002151974	A1	20021017
APPLICATION INFO.:	US 2002-81360	A1	20020221 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-271105P	20010223 (60)

DOCUMENT TYPE:	Utility
FILE SEGMENT:	APPLICATION
LEGAL REPRESENTATIVE:	J. PETER FASSE, Fish & Richardson P.C., 225 Franklin Street, Boston, MA, 02110-2804
NUMBER OF CLAIMS:	18
EXEMPLARY CLAIM:	1
NUMBER OF DRAWINGS:	2 Drawing Page(s)
LINE COUNT:	676

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention features methods of making living **tissue constructs** that can be used to repair perforations in tympanic membranes, the repair constructs themselves, and methods of repair.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 5 OF 6 USPATFULL on STN

ACCESSION NUMBER:	2001:4285 USPATFULL
TITLE:	Guided development and support of **hydrogel**-cell compositions
INVENTOR(S):	Vacanti, Charles A., Uxbridge, MA, United States Vacanti, Joseph P., Winchester, MA, United States Vacanti, Martin P., Westborough, MA, United States
PATENT ASSIGNEE(S):	University of Massachusetts, Boston, MA, United States (U.S. corporation) The Children's Medical Center Corporation, Boston, MA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6171610	B1	20010109
APPLICATION INFO.:	US 1998-200033		19981125 (9)

RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1998-66038, filed on 24 Apr 1998
DOCUMENT TYPE:	Patent
FILE SEGMENT:	Granted
PRIMARY EXAMINER:	Azpuru, Carlos
LEGAL REPRESENTATIVE:	Fish & Richardson P.C.
NUMBER OF CLAIMS:	58
EXEMPLARY CLAIM:	1
NUMBER OF DRAWINGS:	5 Drawing Figure(s); 5 Drawing Page(s)

LINE COUNT: 1742
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The invention features a method for generating new tissue by obtaining a liquid **hydrogel**-cell composition including a **hydrogel** and tissue **precursor cells**; delivering the liquid **hydrogel**-cell composition into a permeable, biocompatible support structure; and allowing the liquid **hydrogel**-cell composition to solidify within the support structure and the tissue **precursor cells** to grow and generate new tissue. The invention also features a tissue forming structure including a permeable, biocompatible support structure having a predetermined shape that corresponds to the shape of desired tissue; and a **hydrogel** -cell composition at least partially filling the support structure, wherein the **hydrogel**-cell composition includes a **hydrogel** and tissue **precursor cells**. The new tissue forming structure can be used in new methods to generate various tissues (e.g., to treat defective tissue) including new bone, cartilage, and nervous tissue such as spinal cord tissue. The invention also new isolated nervous system stem cells.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 6 OF 6 USPATFULL on STN
ACCESSION NUMBER: 1999:96274 USPATFULL
TITLE: Hyaluronan based biodegradable scaffolds for tissue repair
INVENTOR(S): Valentini, Robert F., Cranston, RI, United States
Kim, Hyun D., Providence, RI, United States
PATENT ASSIGNEE(S): Brown University, Providence, RI, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5939323		19990817
APPLICATION INFO.:	US 1997-864709		19970528 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1996-18492P	19960528 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Witz, Jean C.
ASSISTANT EXAMINER: Hanley, Susan
LEGAL REPRESENTATIVE: Wolf, Greenfield & Sacks, P.C.
NUMBER OF CLAIMS: 8
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 2 Drawing Figure(s); 1 Drawing Page(s)
LINE COUNT: 848
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A hyaluronic acid derivitized scaffold and method of forming are disclosed. The scaffolds are useful for various medical purposes such as tissue repair, tissue reconstruction and wound healing. In order to enhance these processes the scaffolds may be engineered to incorporate biologically active molecules such as BMP.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.